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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/710,966	11/14/2000	Scott D. Landes	5482	6125

7590

12/04/2002

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EXAMINER

COURSON, TANIA C

ART UNIT

PAPER NUMBER

2859

DATE MAILED: 12/04/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/710,966

Applicant(s)

LANDES, SCOTT D.

Examiner

Tania C. Courson

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 16 September 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) 13-17 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 13 November 2000 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## **DETAILED ACTION**

### ***Election/Restrictions***

1. This application contains claims 13-17 drawn to an invention non-elected with traverse in Paper No. 5. A complete reply to the final rejection must include cancellation of non-elected claims or other appropriate action (37 CFR 1.144) See MPEP § 821.01.

### ***Drawings***

2. This application has been filed with informal drawings which are acceptable for examination purposes only. Formal drawings will be required when the application is allowed.

### ***Claim Objections***

3. Claim 10 is objected to under 37 CFR 1.75 as being a substantial duplicate of claim 7. When two claims in an application are duplicates or else are so close in content that they both cover the same thing, despite a slight difference in wording, it is proper after allowing one claim to object to the other as being a substantial duplicate of the allowed claim. See MPEP § 706.03(k).

### ***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1-12 are rejected under 35 U.S.C. 103(a) as being anticipated by Hanson (U.S. Patent No. 5,494,378). Hanson discloses in Figures 1-9, an anchoring device comprising:

With respect to claim 1:

- a) a hollow elongated member (Fig. 1, hollow pipe 12) said elongated member having a first end (Fig. 1, upper end 13) and a second end (Fig. 1, lower end 15);
- b) a first integral anchoring flap (Fig. 1, cantilevered anchor fingers), said anchoring flap having a first end (Fig. 4) and a second end (Fig. 4, bendable tether necks), said anchoring flap located proximate the second end of said elongated member (Fig. 1);
- c) and a first flexible living hinge (Fig. 4, anchor tabs), said anchoring flap attached to the elongated member at the second end of said anchoring flap by said first flexible living hinge (Fig. 1), said anchoring flap moveable from a first closed position (Fig. 2) to facilitate handling and transportation of said marker post (column 4, lines 33-36) to a second open position (Fig. 6) to prevent withdrawal of said elongated member from an embedded position (column 2, lines 17-20).

With respect to claim 2:

- a) a second integral anchoring flap (Fig. 1, cantilevered anchor fingers), and a third integral anchoring flap (Fig. 1, cantilevered anchor fingers), said second integral anchoring flap and said third integral anchoring flap each having a first

end and a second end (Fig. 1), said second integral anchoring flap and said third integral anchoring flap each located proximate the second end of said elongated member (Fig. 1), said first integral anchoring flap and said second integral anchoring flap and said third integral anchoring flap circumferentially positioned around the said elongated member (Fig. 3);

b) a second flexible living hinge and a third flexible living hinge (Fig. 1), said second integral anchoring flap attached to the elongated member at the second end of said second integral anchoring flap by the second flexible living hinge (Fig. 1), said third integral anchoring flap attached to the elongated member at the second end of said third integral anchoring flap by the third flexible living hinge (Fig. 1), said second integral anchoring flap and said third integral anchoring flap moveable from a first closed position (Fig. 2) to facilitate handling and transportation of said marker post (column 4, lines 33-36) to a second open position (Fig. 6) to prevent withdrawal of said elongated member from an embedded position (column 2, lines 17-20).

With respect to claim 4:

a) wherein said elongated member is triangular, circular, rectangular or square shaped (Figs. 3 and 9) and said elongated member includes a non-tapered exterior surface (Fig. 1, hollow pipe 12).

With respect to claims 5 and 11:

a) wherein said elongated member and said anchoring flap are weather resistant (Fig. 2) and said anchoring flap is in a coplanar condition with said marker post when said anchoring flap is in a closed position (Fig. 2).

With respect to claims 6 and 12:

a) including a weather resistant cap (Fig. 1, cap 16) for covering the first end of said elongated member (Fig. 1).

With respect to claims 7 and 10:

a) wherein said elongated member is sufficiently stiff to permit the marker post to be driven into a top layer of soil (Fig. 2);

With respect to claim 8:

- a) an elongated member (Fig. 1) having a first panel, a second panel, and a third panel forming the elongated member (Fig. 1);
- b) a first anchoring flap, a second anchoring flap, and a third anchoring flap (Fig. 1, cantilevered anchor fingers), each of said anchoring flaps having a first end and a second end (Fig. 4), each of said anchoring flaps integrally connected to said elongated member (Fig. 2), each of said anchoring flaps located proximate a second end of said elongated member (Fig. 1);
- c) a first flexible living hinge, a second flexible living hinge, and a third flexible living hinge (Fig. 1); the second end of said first anchoring flap attached to the

first panel of said elongated member by said first flexible living hinge, the second end of said second anchoring flap attached to the second panel of said elongated member by said second flexible living hinge (Fig. 1), the second end of said third anchoring flap attached to the third panel of said elongated member by said third flexible living hinge (Fig. 1), each of said anchoring flaps moveable from a first closed position (Fig. 2) to facilitate the handling and transportation of said marker post (column 4, lines 33-36) to a second open position (Fig. 6) to prevent the withdrawal of said elongate member from an embedded position (column 2, lines 17-20) whereby the flaps have a sufficient memory to stay in the open position until the post can be embedded (Fig. 6).

Hanson does not disclose said elongated member composed of a flexibly resilient polymer plastic, wherein said polymer plastic is polycarbonate or polyethylene and a triangular shaped elongate member.

Regarding claims 1, 3, 8 and 9: Hanson discloses the elongate member (hollow pipe 12) made of metallic (column 3, lines 25-26) materials. The particular type of material used to make the elongate member, absent any criticality, is only considered to be the use of a “ preferred ” or “ optimum ” material out of a plurality of well known materials that a person having ordinary skill in the art at the time the invention was made would have find obvious to provide using routine experimentation based, among other things, on the intended use of Applicant’s apparatus, i.e., suitability for the intended use of Applicant’s apparatus. See In re Leshin, 125 USPQ 416

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(CCPA 1960 ) where the court stated that a selection of a material on the basis of suitability for intended use of an apparatus would be entirely obvious.

With respect to claim 8: the shape of the elongate member, i.e., triangular shape, absent any criticality, are only considered to be obvious modifications of the shape of the elongate member (hollow pipe 12) disclosed by Hanson as the courts have held that a change in shape or configuration, without any criticality, is within the level of skill in the art as the particular shape claimed by Applicant is nothing more than one of numerous shapes that a person having ordinary skill in the art will find obvious to provide using routine experimentation based on its suitability for the intended use of the invention. See *In re Dailey*, 149 USPQ 47 ( CCPA 1976 ).

### ***Response to Arguments***

6. Applicant's argument's filed September 16, 2002 have been fully considered but they are moot in view of the new ground(s) of rejection.

### ***Conclusion***

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

The prior art cited on PTO-892 and not mentioned above disclose marker posts with living/flexible hinges:

Kidwell (U.S. Patent No. 3,924,371)

Ashworth (U.S. Patent No. 3,286,416)



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Wendt (U.S. Patent No. 2,858,917)

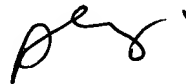
Blue (U.S. Patent No. 1,597,573)

Mizouchi. (JP-57067817)

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tania C. Courson whose telephone number is (703) 305-3031. The examiner can normally be reached on Monday-Friday from 8:00AM to 4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Diego Gutierrez, can be reached on (703) 308-3875. The fax number for this Organization where this application or proceeding is assigned is (703) 308-7724.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.



DIEGO F.F. GUTIERREZ  
SUPERVISORY PATENT EXAMINER  
GROUP ART UNIT 2859

TCC  
December 2, 2002